


SWBAT

show what we know on the UAM / free fall quiz

Sep 4-7:31 AM

SECA CP Physics
Tuesday 1 December 2015

Welcome!!!



PEDs with Passing

H. Leslie Grebe
Room C-244

- Show me you are passing on SchoolView, or secure phone!
- Gravity packet
- Toy popper

Centering
(quotes)

Opening Activity:

Get ready for quiz...

Always do your best. What you plant now, you will harvest later.
Og Mandino

SPEED	UNITS
V_f	m/s
Δy	m
a	$m/s/s$
SPEED V_i	m/s
Δt	Sec

FREE FALL

$-9.81 m/s^2$

Sep 7-7:04 AM

ICE CREAM ELIGIBLE:		
<u>6^S SOLUTIONS</u>	<u>GRAVITY PACKET</u>	<u>TOY 1-4 POPPER</u>
LA DONNA		
BRANDON		
ALEX		
SHAYA		
NANCY		
JENN		

Dec 1-9:46 AM

The Challenge: By Tue 11/24

- Finish gravity packet
- Finish Toy Popper questions
- Create a class set of free fall UAM problems with solutions 4 & 1

The Reward - Ice cream and root beer!

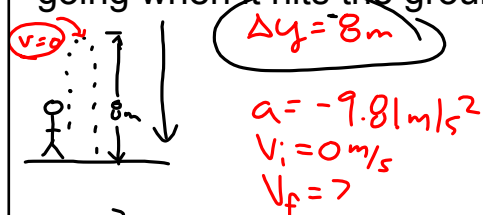
Nov 20-8:27 AM

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Sep 5-9:09 AM

Review problem for quiz:

A ball is tossed into the air. At it's peak, it is 8 meters above the ground. How fast is it going when it hits the ground?



$$V_f^2 = V_i^2 + 2 \cdot a \cdot \Delta y$$

$$V_f^2 = (0 \text{ m/s})^2 + 2(-9.81 \text{ m/s}^2)(-8 \text{ m})$$

$$\sqrt{V_f^2} = \sqrt{156.96}$$

$$V_f = 12.5 \text{ m/s down}$$

How much time did that take?

Nov 30-9:26 AM